

ABSTRACT

A system and method for communicating information between downhole equipment in a wellbore and surface equipment, comprising a first device disposed in a wellbore for receiving at least one first signal and transmitting at least one second signal.

5 A surface device is used for receiving the at least one second signal and transmitting the at least one first signal. At least one repeater is disposed at a predetermined location in a wall of the wellbore for receiving and retransmitting the first signal and the second signal. A method for communicating information between downhole equipment in a wellbore and surface equipment, comprises deploying a tubular member in the wellbore,

10 the tubular member having a transmitter disposed therein; disposing at least one signal repeater at a predetermined location in a wall of the wellbore; and transmitting a signal from the transmitter to a surface receiver through the at least one repeater.